

Fig. 1

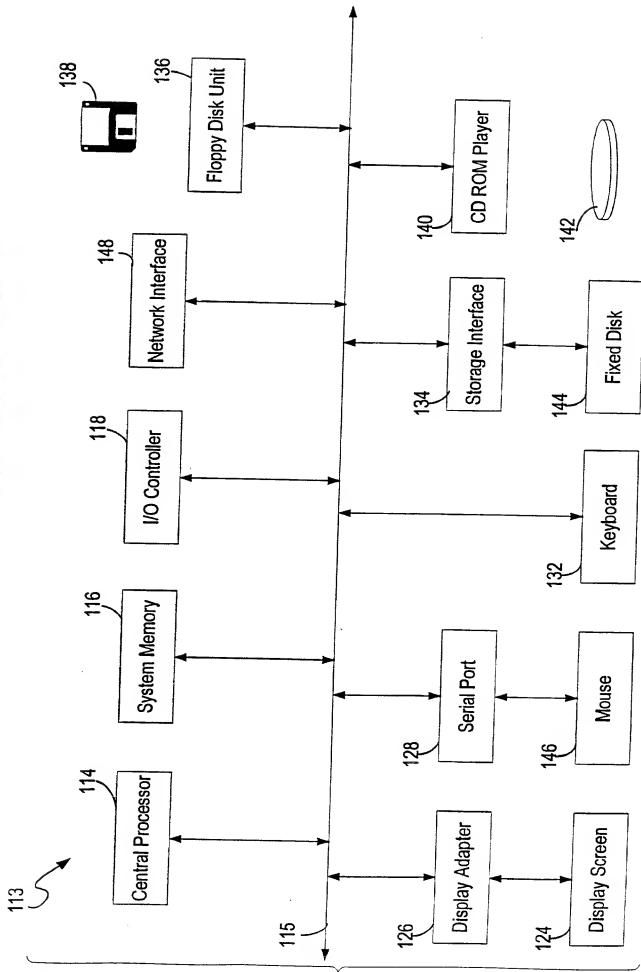


Fig. 2

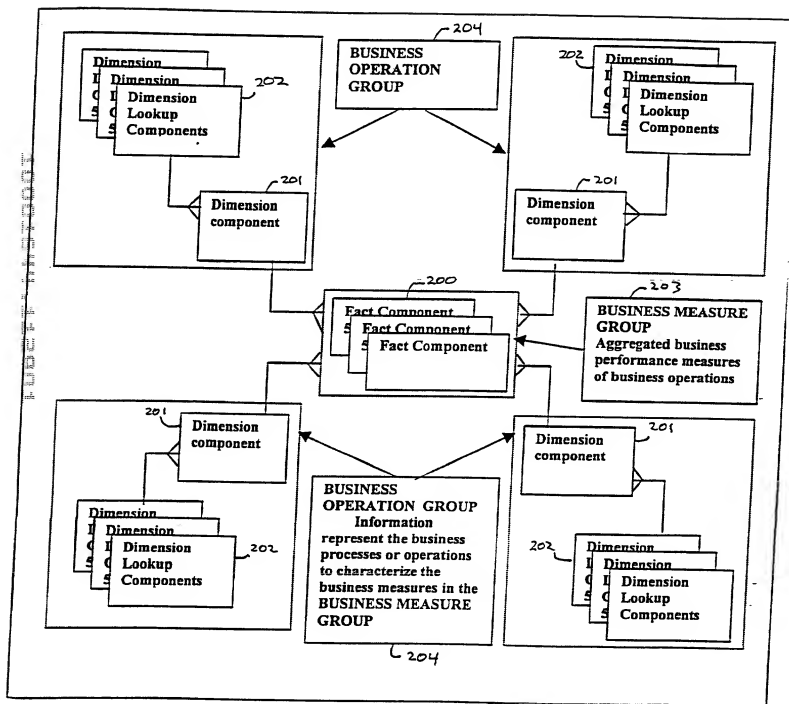


Fig. 3A

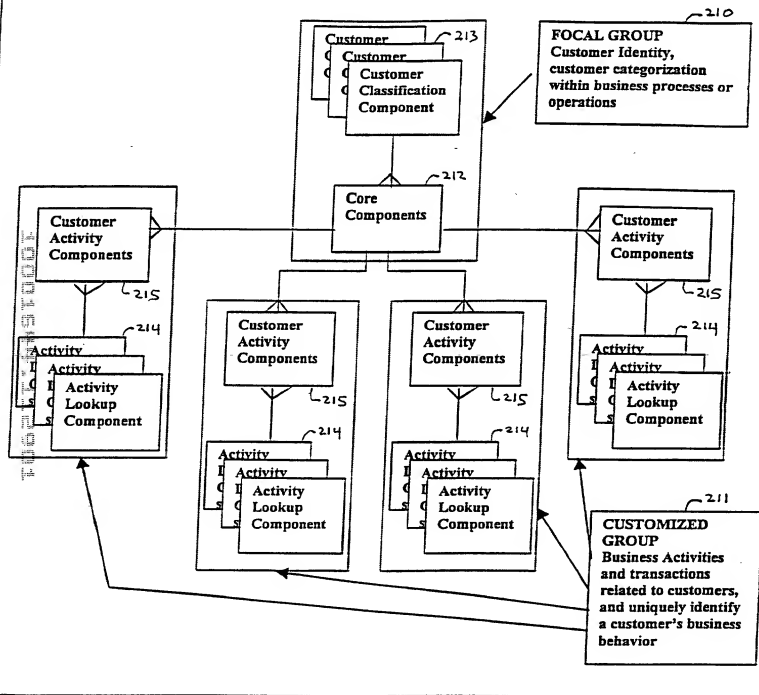


Fig. 3B

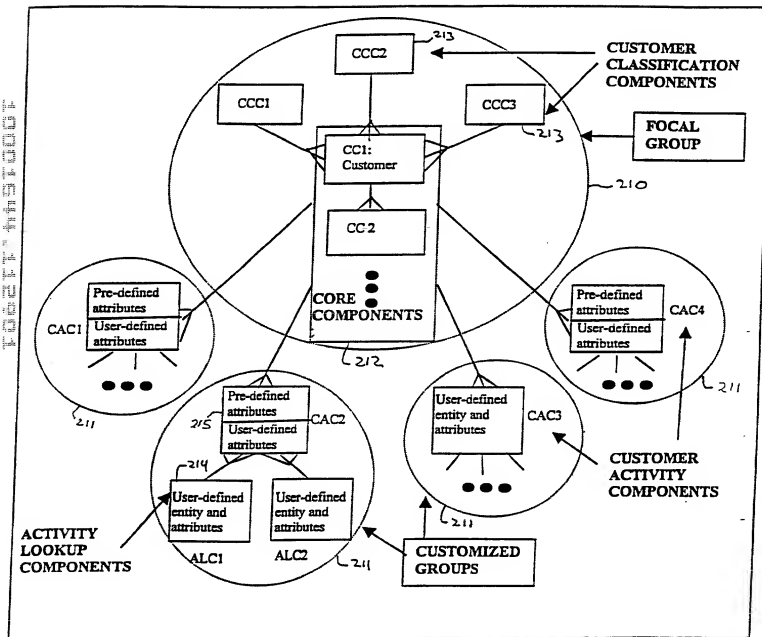


Fig. 4A

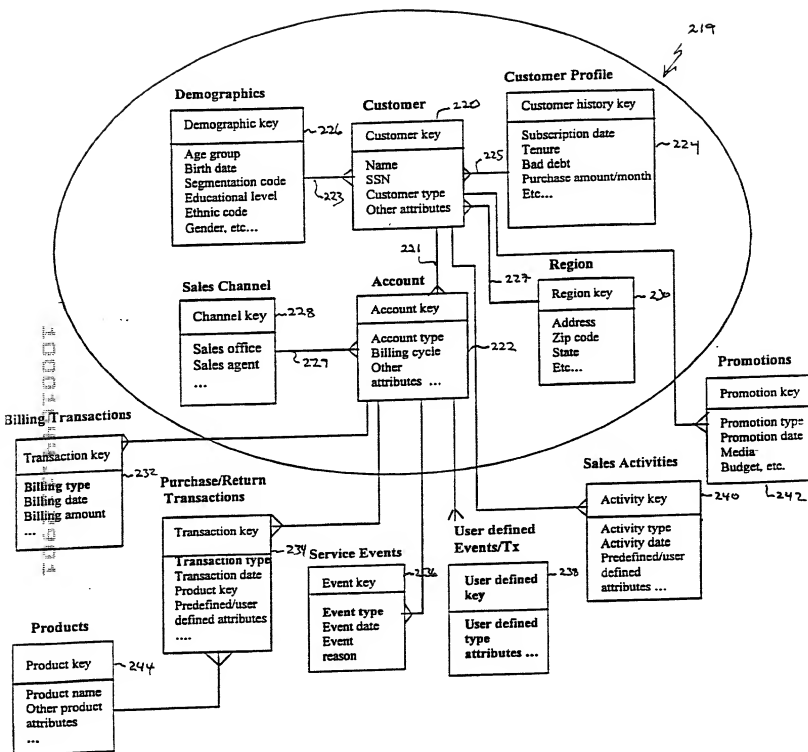


Fig. 4B

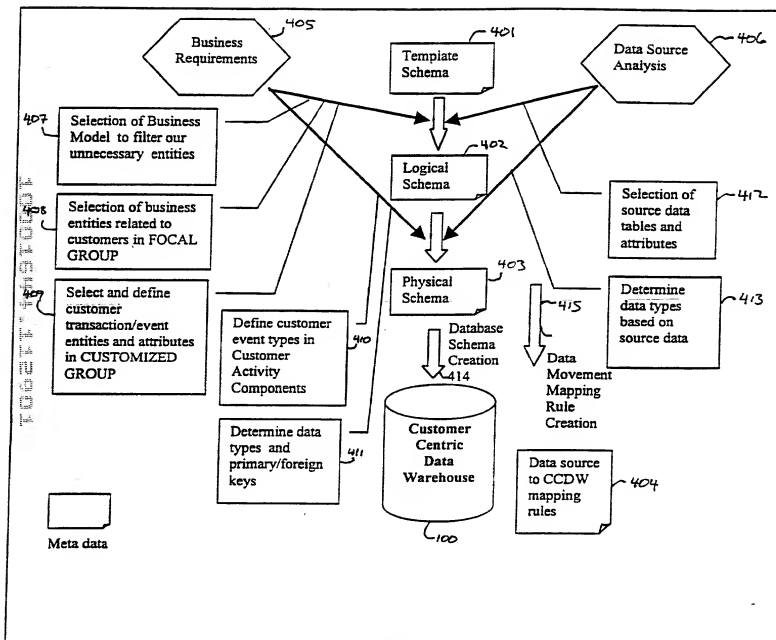


Fig. 5A

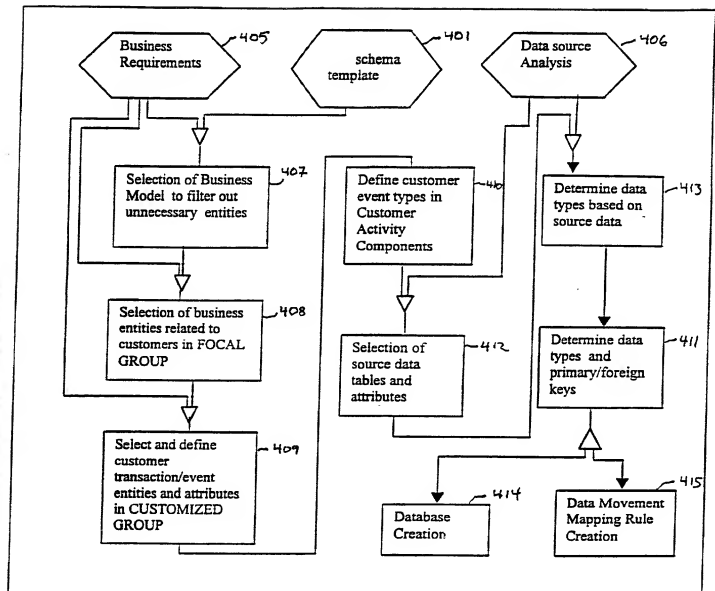


Fig. 5B



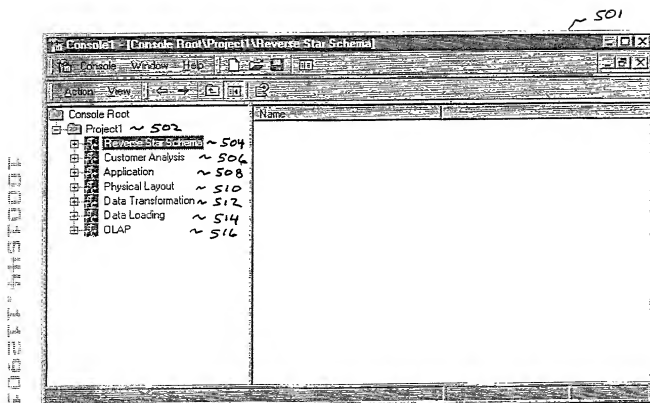


FIG. 6A

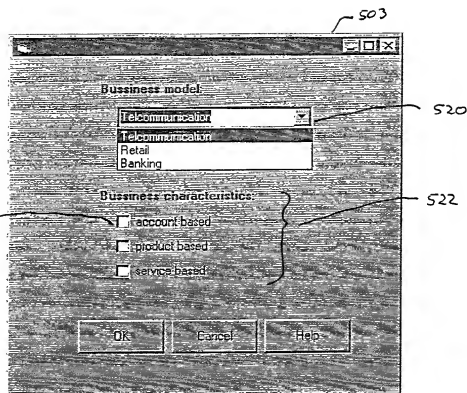


FIG. 6B

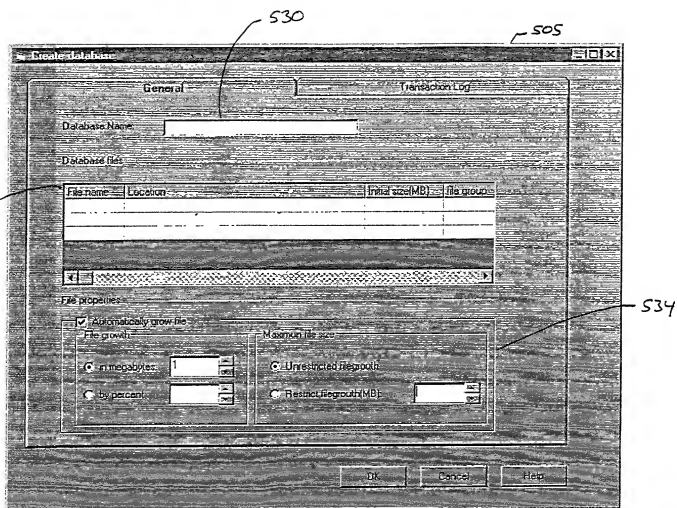


FIG. 6C

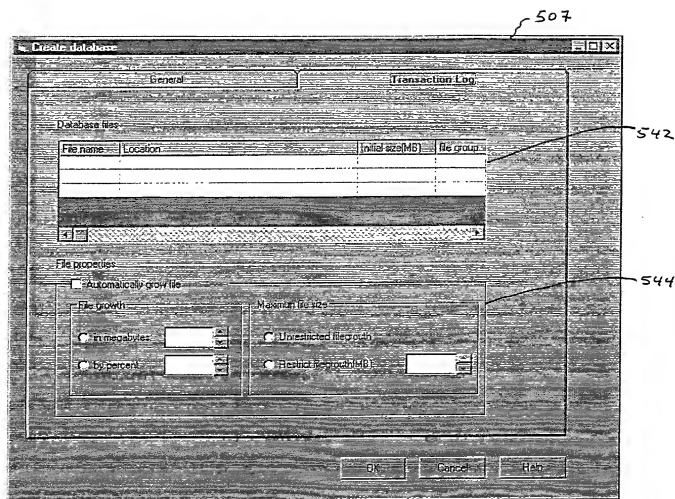


FIG. 6D

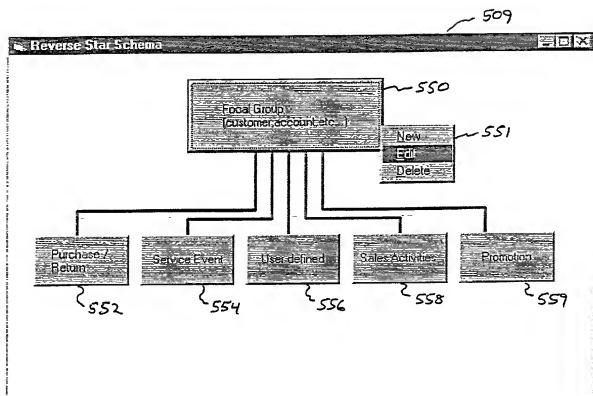


FIG. 6E

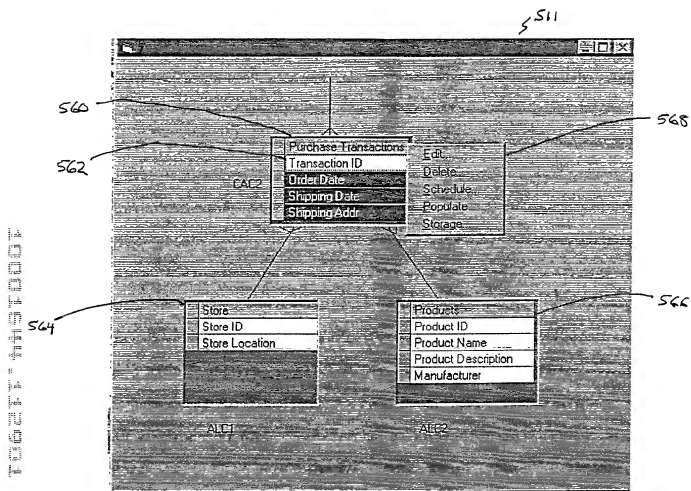


FIG. 6F

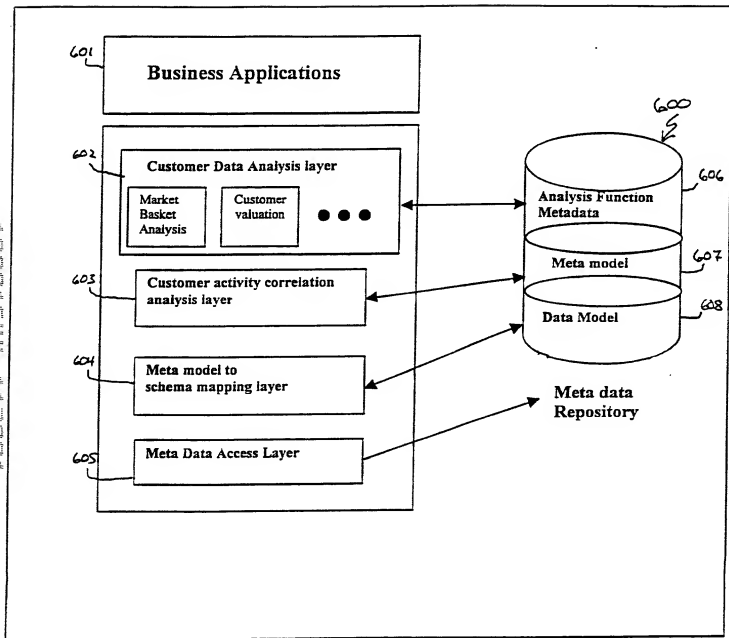


Fig. 7A

Customer Data  
Analysis Business  
Logic Code  
Generation

Customer-Centric  
Data Warehouse  
Construction,  
Management

Data Processing  
and Movement  
from source to  
Data Warehouse

Code  
Generation  
Module

Data  
Warehouse  
Construction/  
Management  
Module

Data  
Processing/  
Movement/  
Loading  
Module

Job/Event/Schedule Management Module

Customer Data  
Analysis Function  
Designer Module

Data Source  
Analyzer Module

Schema Designer  
Module

Operation  
Planner  
Module

Meta Data  
Repository

Management  
Console

Fig. 7B